

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
Department for Environmental Protection
Division of Water

401 KAR 5:026. Designation of uses of surface waters.

RELATES TO: KRS 146.200 to 146.360, 146.410 to 146.535, 146.550 to 146.570, 146.600 to 146.619, 146.990, 224.01-010, 224.01-400, 224.16-050, 224.16-070, 224.70-100 to 224.70-140, 224.71-100 to 224.71-145, 224.73-100 to 224.73-120

STATUTORY AUTHORITY: KRS 146.220, 146.241, 146.270, 146.410, 146.450, 146.460, 146.465, 224.10-100, 224.16-050, 224.16-060, 224.70-100, 224.70-110, 40 C.F.R. Part 131, 16 U.S.C. 1271 et seq., 1531 et seq., 33 U.S.C. 1311, 1313, 1314, 1316, 1341

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the Natural Resources and Environmental Protection Cabinet to develop and conduct a comprehensive program for the management of water resources and to provide for the prevention, abatement, and control of pollution. This administrative regulation and 401 KAR 5:002, 5:029, 5:030, and 5:031 establish procedures to protect the surface waters of the Commonwealth, and thus protect water resources. This administrative regulation applies the designated uses described in 401 KAR 5:031 to the surface waters of the Commonwealth. This administrative regulation also makes all surface waters subject to the general criteria specified in 401 KAR 5:031, Section 2. Definitions for terms used in this administrative regulation are found in 401 KAR 5:002.

Section 1. Scope of Designation. (1) Surface waters listed in this administrative regulation shall be designated for all legitimate uses contained in KRS 224.70-100(1) except as specified in 401 KAR 5:031, Sections 5 and 8, or until redesignated in accordance with the procedures of this administrative regulation.

(2) Designated uses are:

- (a) Warm water aquatic habitat;
- (b) Cold water aquatic habitat;
- (c) Primary contact recreation;
- (d) Secondary contact recreation;
- (e) Domestic water supply; and
- (f) Outstanding state resource water.

(3) Listed waters shall meet all criteria applicable to their designated uses and those criteria listed in 401 KAR 5:031, Section 2, unless the cabinet grants an exception pursuant to 401 KAR 5:031, Section 10 or 11.

(4) Outstanding state resource waters may have unique water quality characteristics that shall be protected by additional criteria established in 401 KAR 5:031, Section 8.

Section 2. Redesignation of Surface Water Uses. (1) Surface waters may be redesignated only upon affirmative findings by the cabinet pursuant to Sections 3 and 4 of this administrative regulation. Before redesignating a surface water, the cabinet shall provide notice and an

opportunity for a public hearing.

(2) In redesignating a surface water, the cabinet shall ensure that its water quality standards provide for the attainment and maintenance of the water quality standards of downstream surface waters.

(3) A designated use shall not be removed for a surface water if that use is an existing use, or if the use may be attained by implementing effluent limitations required under Sections 301(b) and 306 of the Clean Water Act, 33 U.S.C. 1311(b) and 1316, and by implementing cost-effective and reasonable best management practices for nonpoint source control.

(4) If a surface water is designated for a use that is not an existing use, the cabinet shall redesignate the surface water upon demonstration that the designated use is unattainable because:

(a) Naturally occurring pollutant concentrations prevent the attainment of the use;

(b) Natural, ephemeral, intermittent or low flow conditions or water levels prevent the attainment of the use, unless these conditions may be compensated for by the discharge of sufficient volume of effluent discharges;

(c) Human caused conditions or sources of pollution prevent the attainment of the use and cannot be remedied or would cause more environmental damage to correct than to leave in place;

(d) Dams, diversions or other types of hydrologic modifications preclude the attainment of the use, and it is not feasible to restore the surface water to its original condition or to operate such modification in a way that would result in the attainment of the use;

(e) Physical conditions related to the natural features of the surface water, such as the lack of a proper substrate, cover, flow, depth, pools, riffles, and the like, unrelated to water quality, preclude attainment of the aquatic life use; or

(f) Controls more stringent than those required by Sections 301(b) and 306 of the Clean Water Act, 33 U.S.C. 1311(b) and 1316, would result in substantial and widespread economic and social impact as determined by the guidelines in "Interim Economic Guidance for Water Quality Standards Workbook", EPA, March 1995 incorporated by reference in Section 6 of this administrative regulation.

(5) Redesignations shall be consistent with the antidegradation provisions of 401 KAR 5:029 and 401 KAR 5:030.

Section 3. Documentation for Redesignations. (1) A person may request redesignation of surface water uses by petition to the cabinet. The petitioner shall provide the cabinet with the documentation required in subsection (3) of this section and shall have the burden of proof that the redesignation is appropriate.

(2) The cabinet may propose redesignations of surface water uses. The cabinet shall provide documentation for those surface waters that it proposes for use redesignation.

(3) Documentation to support the redesignation of a surface water of the Commonwealth shall be:

(a) A United States Geological Survey 7.5 minute topographic map or its equivalent approved by the cabinet showing those surface waters to be redesignated, with a description consisting of a river mile index with existing and proposed discharge points;

(b) Existing uses and water quality data for the surface waters for which the redesignation is proposed. If adequate data are unavailable, additional studies may be required by the cabinet;

(c) Descriptions of general land uses and specific land uses adjacent to the surface waters for which the redesignation is proposed;

(d) The existing and designated uses of the downstream waters into which the surface water under consideration discharges;

(e) General physical characteristics of the surface water including width, depth, bottom composition, and slope;

(f) The frequency of occasions when there is no natural flow in the surface water and the 7Q10 and harmonic mean flow values for the surface water and adjacent surface waters;

(g) An assessment of the existing and potential aquatic life habitat in the surface waters under consideration and the adjacent upstream surface waters. The existing aquatic life shall be documented and livestock and natural wildlife dependence on the surface water shall be assessed. The occurrence of individuals or populations, indices of diversity and well-being, and abundance of species of any unique native biota shall be documented;

(h) The proposed designated uses for the surface water in question; and

(i) An explanation of the irretrievable person-induced, or natural conditions which preclude attainment of a higher use designation or an assessment of the substantial and widespread social and economic impacts resulting from the imposition of additional controls necessary for existing point sources, beyond the most stringent effluent limitation levels normally required for the sources.

Section 4. Procedures for Redesignation. (1) For each of the surface waters for which a redesignation is proposed, the cabinet or petitioner shall prepare a fact sheet containing the following information:

(a) The name and address of the petitioner;

(b) The name and sketch or description of the surface water proposed for specified use redesignations, including the location of existing and proposed dischargers;

(c) The proposed use redesignations;

(d) A brief abstract of the supportive documentation which demonstrates that the redesignation is appropriate;

(e) The appropriate water quality criteria for the surface water based on the proposed designated use;

(f) The treatment requirements proposed for discharges to the surface water in question if designated for the proposed use; and

(g) A "plain English" summary of the implications of the designation for the community and other users or potential users of the surface water in question.

(2) The cabinet shall document the determination to propose or deny redesignation as a result of a petition, and shall provide a copy of the decision to the petitioner and other interested parties.

Section 5. Surface Water Use Designations. (1) Listed in the tables below are the use designations for specific surface waters of the Commonwealth. The county column indicates the county in which the mouth or outlet of the surface water is located. The identifying symbols for use designations are:

WAH	Warm Water Aquatic Habitat
CAH	Cold Water Aquatic Habitat
PCR	Primary Contact Recreation
SCR	Secondary Contact Recreation
DWS	Domestic Water Supply, applicable at existing points of public water supply withdrawal
OSRW	Outstanding State Resource Water

(2) Surface waters not specifically listed in this section are designated for the use of warm

water aquatic habitat, primary contact recreation, and secondary contact recreation and domestic water supply in accordance with Section 1 of this administrative regulation.

- (3) Exceptions to specific criteria in 401 KAR 5:031 that apply to particular surface waters are shown in the tables of surface water use designations in this section. All other criteria in 401 KAR 5:031 applicable to the listed use designations shall apply to these surface waters.

SURFACE WATER USE DESIGNATIONS				
Water Body	Zone	County	Use Designation	Exceptions To Specific Criteria
BIG SANDY RIVER BASIN				
Big Sandy River	River Mile 26.8 to Ohio River	Boyd	WAH, PCR, SCR	
Hood Creek	Source to Wheeler Branch	Lawrence	WAH, PCR, SCR	
Levisa Fork of Big Sandy River	Kentucky-Virginia State Line to River Mile 147.5 (Headwaters of Fishtrap Lake)	Pike	WAH, PCR, SCR, DWS	
Levisa Fork of Big Sandy River	River Mile 126.6 (Fishtrap Lake Dam) to Big Sandy River	Lawrence	WAH, PCR, SCR, DWS	
Paint Creek of Levisa Fork	River Mile 8.3 (Paintsville Lake Dam) to Levisa Fork	Johnson	CAH, PCR, SCR	
Russell Fork of Big Sandy River	Kentucky-Virginia State Line (River Mile 15.9) to Levisa Fork	Pike	WAH, PCR, SCR, DWS	
Tug Fork of Big Sandy River	Kentucky-Virginia State Line (River Mile 94.0) to Big Sandy River	Lawrence	WAH, PCR, SCR, DWS	
LAKES AND RESERVOIRS				
Dewey	Entire reservoir	Floyd	WAH, PCR, SCR, DWS	
Fishtrap	Entire reservoir	Pike	WAH, PCR, SCR, DWS	
Paintsville	Entire reservoir	Johnson	WAH, CAH, PCR, SCR	
LITTLE SANDY RIVER BASIN				
Big Caney Creek	Source to Grayson Lake	Elliott	CAH, PCR, SCR	
Big Sinking Creek	River Mile 6.0 to Little Sandy River	Carter	WAH, PCR, SCR	
Laurel Creek	Source to Little Sandy River	Elliott	CAH, PCR, SCR	
Little Sandy River	Source to River Mile 71.1 (Headwaters of Grayson Lake)	Elliott	WAH, PCR, SCR, DWS	
Little Sandy River	River Mile 50.0 (Grayson	Greenup	WAH, PCR, SCR,	

	Lake Dam) to Ohio River		DWS	
LAKES AND RESERVOIRS				
Grayson	Entire Reservoir	Carter	WAH, PCR, SCR	
Greenbo	Entire Reservoir	Greenup	WAH, CAH, PCR, SCR, DWS	
TYGARTS CREEK BASIN				
Buffalo Creek	Source to Tygarts Creek	Carter	WAH, PCR, SCR	
Little White Oak Creek	Source to Tygarts Creek	Greenup	WAH, PCR, SCR	
Tygarts Creek	Source to Ohio River	Greenup	WAH, PCR, SCR, DWS	
White Oak Creek	Source to Tygarts Creek	Greenup	WAH, PCR, SCR	
LICKING RIVER BASIN				
Burning Fork	Basin	Magoffin	WAH, PCR, SCR	
Craney Creek	Source to North Fork of Licking River	Rowan/ Morgan	CAH, PCR, SCR	
Fleming Creek	Source to Licking River	Nicholas	WAH, PCR, SCR	
Licking River	Source to River Mile 218.2 (Headwaters of Cave Run Lake)	Morgan	WAH, PCR, SCR, DWS	
Licking River	River Mile 176.8 (Cave Run Lake Dam) to River Mile 169.6 (U.S. Highway 60 Bridge)	Bath/ Rowan	CAH, PCR, SCR, DWS	
Licking River	River Mile 169.6 to River Mile 165.0	Bath/ Rowan	WAH, PCR, SCR, DWS	
Licking River	River Mile 165.0 to River Mile 154.5	Bath/ Rowan	WAH, PCR, SCR, OSRW	
Licking River	River Mile 154.5 to River Mile 115.0	Nicholas/ Bourbon	WAH, PCR, SCR, DWS	
Licking River	River Mile 115.0 to River Mile 18.9	Kenton/ Campbell	WAH, PCR, SCR, DWS, OSRW	
Licking River	River Mile 18.9 to Ohio River	Kenton/ Campbell	WAH, PCR, SCR, DWS	
Minor Creek	River Mile 2.0 to Craney Creek	Morgan/ Rowan	CAH, PCR, SCR	
North Fork of Licking River	Source to Licking River	Pendleton/ Bracken	WAH, PCR, SCR, DWS	
Slabcamp Creek	Basin including Stonecoal Branch	Rowan	CAH, PCR, SCR	
Slate Creek	Source to Licking River	Bath	WAH, PCR, SCR, DWS	
South Fork of Licking River	River Mile 65.1 to Licking River	Pendleton	WAH, PCR, SCR, DWS	
LAKES AND RESERVOIRS				

Cave Run	Entire Reservoir	Rowan/ Bath	WAH, PCR, SCR	
KENTUCKY RIVER BASIN				
Bailey Run	Basin	Anderson	WAH, PCR, SCR	
Buck Lick Branch	Basin	Lee	WAH, PCR, SCR	
Cedar Brook	Basin	Anderson	WAH, PCR, SCR	
Chimney Top Creek	Basin	Wolfe	CAH, PCR, SCR	
Clarks Run	Source to Herrington Lake	Boyle	WAH, PCR, SCR	
Dix River	Source to River Mile 33.1 (Headwaters of Herrington Lake)	Boyle/ Garrard	WAH, PCR, SCR	
Dix River	Herrington Lake Dam to Kentucky River	Garrard/ Mercer	CAH, PCR, SCR	
Dog Fork	Basin	Wolfe	CAH, PCR, SCR	
East Fork of Indian Creek	Source to Indian Creek	Meniffee	CAH, PCR, SCR	
Gladie Creek	Basin	Meniffee	CAH, PCR, SCR	
Hanging Fork Creek	Source to Dix River	Boyle/ Lincoln	WAH, PCR, SCR	
Indian Creek	River Mile 5.2 to River Mile 1.2	Meniffee	CAH, PCR, SCR	
Kentucky River	River Mile 254.8 to Ohio River	Carroll	WAH, PCR, SCR, DWS	
Middle Fork of Kentucky River	Source to River Mile 76.6 (Headwaters of Buckhorn Lake)	Leslie	WAH, PCR, SCR	
Middle Fork of Kentucky River	River Mile 43.2 (Buckhorn Lake Dam) to North Fork of Kentucky River	Lee	WAH, PCR, SCR	
Middle Fork of Red River	Source to River Mile 10.6	Powell	CAH, PCR, SCR	
North Fork of Kentucky River	Source to Kentucky River	Lee	WAH, PCR, SCR, DWS	
Parched Corn Creek	Source to Red River	Wolfe	CAH, PCR, SCR	
Red River	Source to River Mile 68.6	Meniffee/ Wolfe	WAH, PCR, SCR	
Red River	River Mile 68.6 to River Mile 49.2	Meniffee/ Wolfe	WAH, PCR, SCR, OSRW	
Red River	River Mile 49.2 to Kentucky River	Clark/Estill	WAH, PCR, SCR, DWS	
Ross Creek	Source to Kentucky River	Lee	WAH, PCR, SCR	
Silver Creek	Source to Kentucky River	Madison	WAH, PCR, SCR	
South Fork of	Source to North Fork of	Franklin	WAH, PCR, SCR	

Elkhorn Creek	Elkhorn Creek			
South Fork of Kentucky River	Source to Kentucky River	Lee	WAH, PCR, SCR, DWS	
Swift Camp Creek	Source to Red River	Wolfe	CAH, PCR, SCR	
Town Branch	Source to South Fork of Elkhorn Creek	Fayette	WAH, PCR, SCR	
War Fork of Station Camp Creek	Source to River Mile 8.5	Jackson	WAH, PCR, SCR	
War Fork of Station Camp Creek	River Mile 8.5 to River Mile 2.0	Jackson	CAH, PCR, SCR	
War Fork of Station Camp Creek	River Mile 2.0 to Station Camp Creek	Jackson	WAH, PCR, SCR	
LAKES AND RESERVOIRS				
Bert Combs	Entire Reservoir	Clay	WAH, CAH, PCR, SCR, DWS	
Buckhorn	Entire Reservoir	Perry	WAH, PCR, SCR, DWS	
Carr Fork	Entire Reservoir	Knott/Perry	WAH, PCR, SCR	
Fishpond	Entire Reservoir	Letcher	WAH, CAH, PCR, SCR	
Herrington	Entire Reservoir	Garrard/Mercer	WAH, PCR, SCR, DWS	
Mill Creek	Entire Reservoir	Wolfe	WAH, CAH, PCR, SCR, DWS	
SALT RIVER BASIN				
Beech Fork of Salt River	Source to Salt River	Hardin/Bullitt	WAH, PCR, SCR, DWS	
Chenoweth Run	Source to Floyds Fork	Jefferson	WAH, PCR, SCR	
Currys Fork	Confluence of South and North Forks to Floyds Fork	Oldham	WAH, PCR, SCR	
Floyds Fork	Source to Salt River	Bullitt	WAH, PCR, SCR	
Mill Creek	Source to Salt River	Bullitt	WAH, PCR, SCR	
North Fork of Currys Fork	Source to South Fork of Currys Fork	Oldham	WAH, PCR, SCR	
Rolling Fork of Salt River	Source to River Mile 62.5	Larue and Nelson	WAH, PCR, SCR, DWS	
Rolling Fork of Salt River	River Mile 62.5 to River Mile 53.6	Larue and Nelson	WAH, PCR, SCR, OSRW	
Rolling Fork of Salt River	River Mile 53.6 to Salt River	Larue and Nelson	WAH, PCR, SCR	
Salt River	Source to River Mile 74.8 (Headwaters of Taylorsville Lake)	Anderson	WAH, PCR, SCR, DWS	
Salt River	River Mile 60.1 (Taylorsville	Hardin/	WAH, PCR, SCR,	

	Lake Dam) to Ohio River	Jefferson	DWS	
Unnamed tributary to Mill Creek	Source to Mill Creek at River Mile 11.8	Bullitt	WAH, PCR, SCR	
LAKES AND RESERVOIRS				
Taylorsville	Entire Reservoir	Spencer	WAH, PCR, SCR	
GREEN RIVER BASIN				
Barren River	Source to River Mile 118.5 (Headwaters of Barren River Lake)	Allen	WAH, PCR, SCR	
Barren River	River Mile 79.1 (Barren River Lake Dam) to River Mile 15.0	Warren	WAH, PCR, SCR, DWS	
Barren River	River Mile 15.0 to Green River	Butler/ Warren	WAH, PCR, SCR, OSRW	
Beaverdam Creek	Source to Green River	Edmonson	CAH, PCR, SCR	
Big Pitman Creek	Source to Green River	Green	WAH, PCR, SCR	
Black Lick Creek	Source to Clear Fork	Logan	WAH, PCR, SCR, DWS	
Buck Horn Creek	Source to Little Pitman Creek	Taylor	WAH, PCR, SCR	
Buffalo Creek	Source to Green River (in Mammoth Cave National Park)	Edmonson	WAH, PCR, SCR	
Cypress Creek	Source to Pond River	McLean	WAH, PCR, SCR	
Drakes Creek	Confluence of West Fork and Middle Fork to Barren River	Warren	WAH, PCR, SCR	
Gasper River	Source to Barren River	Warren	WAH, PCR, SCR	
Green River	Source to River Mile 340.1 (Headwaters of Green River Lake)	Adair	WAH, PCR, SCR, DWS	
Green River	River Mile 305.6 (Green River Lake Dam) to River Mile 207.8	Hart	WAH, PCR, SCR, OSRW, DWS	
Green River	River Mile 207.8 to River Mile 181.7	Edmonson	WAH, PCR, SCR, OSRW	
Green River	River Mile 181.7 to River Mile 168.0	Butler/ Warren	WAH, PCR, SCR, DWS	
Green River	River Mile 168.0 to River Mile 148.0	Butler	WAH, PCR, SCR, OSRW	
Green River	River Mile 148.0 to Ohio River	Henderson	WAH, PCR, SCR, DWS	
Lick Creek	Source to West Fork of Drakes Creek	Simpson	CAH, PCR, SCR	
Little Pitman Creek	Source to Big Pitman Creek	Green	WAH, PCR, SCR	
Lynn Camp Creek	Source to Green River	Hart	CAH, PCR, SCR	
Middle Pitman Creek	Source to Big Pitman Creek	Green	WAH, PCR, SCR	

Underground River System	Mammoth Cave National Park	Edmonson/Hart/Barren	CAH, PCR, SCR, OSRW	
Turnhole Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson/Barren	CAH, PCR, SCR, OSRW	
Echo River	Basin Outside Mammoth Cave National Park Boundary	Edmonson	CAH, PCR, SCR, OSRW	
Pike Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson	CAH, PCR, SCR, OSRW	
Mile 205.7 Spring	Basin Outside Mammoth Cave National Park Boundary	Hart	CAH, PCR, SCR, OSRW	
McCoy Spring	Basin Outside Mammoth Cave National Park Boundary	Hart	CAH, PCR, SCR, OSRW	
Suds Spring	Basin Outside Mammoth Cave National Park Boundary	Hart/Barren	CAH, PCR, SCR, OSRW	
Double Sink Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson/Barren	CAH, PCR, SCR, OSRW	
Ganter Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson	CAH, PCR, SCR, OSRW	
Running Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson	CAH, PCR, SCR, OSRW	
Mud River	Source to Green River	Butler/Muhlenberg	WAH, PCR, SCR	
Nolin River	Source to River Mile 64.3 (Headwaters of Nolin Lake)	Hart/Grayson	WAH, PCR, SCR	
Nolin River	River Mile 7.6 (Nolin Lake Dam) to Green River	Edmonson	CAH, PCR, SCR	
Rough River	Source to River Mile 133.8 (Headwaters of Rough River Lake)	Hardin	WAH, PCR, SCR, DWS	
Rough River	River Mile 89.3 (Rough River Lake Dam) to River Mile 88.5 [72.4]	Ohio/Grayson	CAH, PCR, SCR, DWS	
Rough River	River Mile 88.5 to River Mile 74.2	Ohio/Grayson	WAH, PCR, SCR	
Rough River	River Mile 74.2 to River Mile 73.6	McLean/Ohio	CAH, PCR, SCR	
Rough River	River Mile 73.6 to Green River	Ohio/Grayson	WAH, PCR, SCR, DWS	
Roundstone Creek	Source to Hwy 1140 (River Mile 3.5)	Hart	CAH, PCR, SCR	
Sharp's Branch	Source to West Fork of Drakes Creek	Simpson	WAH, PCR, SCR	
Trammel Fork	River Mile 30.15 (Kentucky/Tennessee State Line) to Hwy	Allen	CAH, PCR, SCR	

	31E (River Mile 23.6)			
Trammel Fork	River Mile 23.6 to Drakes Creek	Warren	WAH, PCR, SCR	
West Fork of Drakes Creek	Source to Confluence with Middle Fork of Drakes Creek	Warren	WAH, PCR, SCR, DWS	
Wiggington Creek	Source to Gasper River	Logan	WAH, PCR, SCR	
LAKES AND RESERVOIRS				
Barren River	Entire Reservoir	Barren/Allen	WAH, PCR, SCR, DWS	
Green River	Entire Reservoir	Taylor	WAH, PCR, SCR, DWS	
Nolin	Entire Reservoir	Edmonson	WAH, PCR, SCR, DWS	
Rough River	Entire Reservoir	Breckinridge/Grayson	WAH, PCR, SCR, DWS	
LOWER CUMBERLAND RIVER BASIN				
Casey Creek	Source to Little River	Trigg	CAH, PCR, SCR	
Cumberland River	River Mile 30.8 (Lake Barkley Dam) to Ohio River	Livingston	WAH, PCR, SCR, DWS	
Skinframe Creek	Source to Livingston Creek	Lyon	CAH, PCR, SCR	
Sulphur Spring Creek	Source to Red River	Simpson	CAH, PCR, SCR	
West Fork of Red River	River Mile 32.2 to Kentucky/Tennessee State Line (River Mile 14.5)	Christian	CAH, PCR, SCR	
Whippoorwill Creek	Source to Red River	Logan	WAH, PCR, SCR, OSRW	
LAKES AND RESERVOIRS				
Barkley	Entire Reservoir from Kentucky/Tennessee State Line (River Mile 74.7)	Lyon/Livingston	WAH, PCR, SCR, DWS	
TENNESSEE RIVER BASIN				
Tennessee River	River Mile 22.4 (Kentucky Lake Dam) to River Mile 12.0	Livingston/McCracken	WAH, PCR, SCR, OSRW	
Tennessee River	River Mile 12.0 to Ohio River	Livingston/McCracken	WAH, PCR, SCR, DWS	
LAKES AND RESERVOIRS				
Kentucky	Entire Reservoir from Kentucky/Tennessee State Line (River Mile 62.4)	Livingston/Marshall	WAH, PCR, SCR, DWS	
TRADEWATER RIVER BASIN				
Crab Orchard Creek/Vaughn Ditch	Source to Tradewater River	Webster	WAH, PCR, SCR	

Montgomery Creek	Source to Tradewater River	Caldwell	WAH, PCR, SCR	
Tradewater River	Source to Ohio River	Crittenden/ Union	WAH, PCR, SCR	
OHIO RIVER BASIN (Main Stem and Minor Tributaries)				
Doe Run Creek	Source to Hwy 1628 (River Mile 5.15)	Meade	CAH, PCR, SCR	
Ohio River	Big Sandy River (River Mile 317.1) to River Mile 848.0	Union	WAH, PCR, SCR, DWS	
Ohio River	River Mile 848.0 to River Mile 850.0	Union	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 850.0 to River Mile 859.0	Union	WAH, PCR, SCR	
Ohio River	River Mile 859.0 to River Mile 861.0	Union	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 861.0 to River Mile 865.0	Union	WAH, PCR, SCR	
Ohio River	River Mile 865.0 to River Mile 867.0	Union	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 867.0 to River Mile 940.7	McCracken	WAH, PCR, SCR	
Ohio River	River Mile 940.7 to River Mile 943.3	McCracken	WAH, PCR, SCR, DWS, OSRW	
Ohio River	River Mile 943.3 to River Mile 948.2	McCracken	WAH, PCR, SCR, DWS	
Ohio River	River Mile 948.2 to River Mile 949.5	Ballard	WAH, PCR, SCR, DWS, OSRW	
Ohio River	River Mile 949.5 to River Mile 966.3	Ballard	WAH, PCR, SCR, DWS	
Ohio River	River Mile 966.3 to River Mile 969.5	Ballard	WAH, PCR, SCR, DWS, OSRW	
Ohio River	River Mile 969.5 to Mississippi River	Ballard	WAH, PCR, SCR, DWS	
Ohio River	River Mile 922.0 to River Mile 923.5 (Channel East of Towhead Island)	Livingston	WAH, PCR, SCR, OSRW	
Otter Creek	River Mile 9.7 to Ohio River	Meade	CAH, PCR, SCR	
Paddy's Run	Source to Ohio River	Jefferson	PCR, SCR	401 KAR 5:031, Section 2(1)(d) and (2) do not apply
Sinking Creek	Source to Hwy 259 (River Mile 4.0)	Breckinridge	CAH, PCR, SCR	

White Oak Creek	River Mile 1.08 to Ohio River	Greenup	SCR	401 KAR 5:031, Section 2(1)(d) and (2) do not apply
LAKES AND RESERVOIRS				
Metropolis	Entire Lake	McCracken	WAH, PCR, SCR, OSRW	
Swan	Entire Lake	Ballard	WAH, PCR, SCR, OSRW	
MISSISSIPPI RIVER BASIN (Main Stem and Minor Tributaries)				
Bayou de Chien	Source to River Mile 13.0	Hickman	WAH, PCR, SCR, OSRW	
Cane Creek of Bayou de Chien	Basin	Graves	WAH, PCR, SCR, OSRW	
Jackson Creek	Basin	Graves	WAH, PCR, SCR, OSRW	
Sand Creek	Basin	Graves	WAH, PCR, SCR, OSRW	
South Fork of Bayou de Chien	Basin	Graves	WAH, PCR, SCR, OSRW	
Mississippi River	Confluence with Ohio River to River Mile 947.0	Carlisle	WAH, PCR, SCR	
Mississippi River	River Mile 947.0 to River Mile 945.0	Carlisle	WAH, PCR, SCR, OSRW	
Mississippi River	River Mile 945.0 to River Mile 935.0	Carlisle	WAH, PCR, SCR	
Mississippi River	River Mile 935.0 to River Mile 930.0	Carlisle	WAH, PCR, SCR, OSRW	
Mississippi River	River Mile 930.0 to Kentucky/Tennessee State Line	Fulton	WAH, PCR, SCR	
Murphy's Pond	Entire Pond and Preserve Area	Hickman	WAH, PCR, SCR, OSRW	
UPPER CUMBERLAND RIVER BASIN				
Acorn Fork	Basin above River Mile 1.0	Knox	WAH, PCR, SCR, OSRW	
Adams Branch	Basin	Whitley	WAH, PCR, SCR, OSRW	
Archers Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Bad Branch	Basin	Letcher	CAH, PCR, SCR, OSRW	

Bark Camp Creek	Basin	Whitley	CAH, PCR, SCR	
Beaver Creek	Basin	McCreary	CAH, PCR, SCR, OSRW	
Beaver Creek	Source to Lake Cumberland	Wayne	WAH, PCR, SCR	
Beck's Creek	Basin	Whitley	WAH, PCR, SCR	
Bens Fork of Little Clear Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Big Branch	Basin Above River Mile 0.8	McCreary	WAH, PCR, SCR, OSRW	
Big Lick Branch	Basin	Pulaski	WAH, PCR, SCR, OSRW	
Big South Fork of Cumberland River	River Mile 55.2 to River Mile 45.0	McCreary	WAH, PCR, SCR, OSRW	
Blacksnake Branch	Basin	Bell	WAH, PCR, SCR, OSRW	
Breeden's Creek	Basin	Harlan	WAH, PCR, SCR, OSRW	
Brices Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Brownies Creek	Basin to River Mile 10.0	Harlan	WAH, PCR, SCR, OSRW	
Buck Creek	River Mile 53.3 to River Mile 10.5	Pulaski	WAH, PCR, SCR, OSRW	
Buck Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Bucks Branch	Basin	Whitley	WAH, PCR, SCR, OSRW	
Buffalo Creek	Basin to Kentucky/Tennessee State Line (River Mile 3.2)	Whitley	WAH, PCR, SCR, OSRW	
Bunches Creek	Basin	Whitley	CAH, PCR, SCR, OSRW	
Campbell Branch	Basin	Whitley	WAH, PCR, SCR, OSRW	
Cane Creek	Basin	Laurel	WAH, PCR, SCR	
Caney Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Cannon Creek	Basin above Cannon Creek Lake	Bell	WAH, PCR, SCR, OSRW	
Clover Bottom Creek	River Mile 1.4 to Horselick Creek	Jackson	CAH, PCR, SCR	
Cogur Fork	Basin	McCreary	CAH, PCR, SCR	
Coles Branch	Basin	Knox	WAH, PCR, SCR, OSRW	
Colliers Creek	Basin	Bell	WAH, PCR, SCR, OSRW	

Criscillis Branch	Basin	Whitley	WAH, PCR, SCR, OSRW	
Cumberland River	River Mile 694.2 to River Mile 574.6	Whitley	WAH, PCR, SCR, DWS	
Cumberland River	River Mile 574.6 to River Mile 558.5 (Headwaters of Lake Cumberland)	McCreary/Whitley	WAH, PCR, SCR, OSRW	
Cumberland River	River Mile 460.9 (Lake Cumberland Dam) to Kentucky/Tennessee State Line (River Mile 401.05)	Monroe	CAH, PCR, SCR, DWS	
Davis Branch	Basin	Bell	WAH, PCR, SCR, OSRW	
Difficulty Creek	Basin	McCreary	WAH, PCR, SCR	
Dog Slaughter Creek	Basin	Whitley	CAH, PCR, SCR, OSRW	
Eagle Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Four Mile Creek	Basin above River Mile 2.5	Bell	WAH, PCR, SCR, OSRW	
Four Mile Run	Basin above River Mile 1.0	Bell	WAH, PCR, SCR, OSRW	
Fugitt Creek	Basin	Harlan	CAH, PCR, SCR	
Hale Fork	Basin	Knox	WAH, PCR, SCR, OSRW	
Hawk Creek	Basin	Laurel	CAH, PCR, SCR	
Hinkle Branch	Basin	Knox	WAH, PCR, SCR, OSRW	
Honeycutt Branch	Basin	Knox	WAH, PCR, SCR, OSRW	
Horse Lick Creek	River Mile 12.3 to Middle Fork of Rockcastle River	Jackson/Rockcastle	WAH, PCR, SCR, OSRW	
Hunting Shirt Branch	Basin	Knox	WAH, PCR, SCR, OSRW	
Indian Creek	Source to Barren Fork	McCreary	CAH, PCR, SCR	
Jennys Branch	Basin	McCreary	WAH, PCR, SCR, OSRW	
Kelly Branch	Basin	Harlan	WAH, PCR, SCR	
Kennedy Creek	River Mile 1.0 to Little South Fork of Cumberland River	Wayne	WAH, PCR, SCR, OSRW	
Kilburn Fork of Indian Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Laurel Creek of Marsh Creek	River Mile 9.0 to River Mile 3.4	McCreary	CAH, PCR, SCR, OSRW	
Laurel Fork	Source to Middle Fork of Rockcastle River	Jackson	WAH, PCR, SCR, OSRW	

Laurel Fork of Clear Fork	Basin above River Mile 16.0	Bell	WAH, PCR, SCR, OSRW	
Laurel Fork of Clear Fork	River Mile 16.0 to River Mile 4.25 (Kentucky/Tennessee State Line)	Whitley	WAH, PCR, SCR, OSRW	
Laurel Fork of Indian Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Laurel River	Laurel River Lake Dam (River Mile 2.1) to River Mile 0.9	Laurel	CAH, PCR, SCR	
Lick Fork	Basin	Bell	WAH, PCR, SCR, OSRW	
Little Clear Creek	Basin from Confluence with Fuson Branch	Bell	WAH, PCR, SCR	
Little Poplar Creek	Basin above and including East Ridge Branch	Knox	WAH, PCR, SCR, OSRW	
Little South Fork of Cumberland River	River Mile 35.6 to River Mile 4.1	Wayne	WAH, PCR, SCR, OSRW	
Little Yellow Creek	River Mile 3.2 (Fern Lake Dam) to Yellow Creek	Bell	WAH, PCR, SCR	
Long Branch	Basin	Bell	WAH, PCR, SCR, OSRW	
Looney Creek	Basin above River Mile 5.3	Harlan	CAH, PCR, SCR	
Marsh Creek	Basin above River Mile 24.0	McCreary	WAH, PCR, SCR, OSRW	
Marsh Creek	River Mile 24.0 to Confluence with Cumberland River	McCreary	WAH, PCR, SCR, OSRW	
Martins Fork	Basin above River Mile 31.3	Harlan	CAH, PCR, SCR	
Martin's Fork	River Mile 31.3 to River Mile 27.4	Harlan	CAH, PCR, SCR, OSRW	
Meadow Fork	Basin	Letcher	WAH, PCR, SCR, OSRW	
Middle Fork of Rockcastle River	River Mile 61.1 to River Mile 53.3	Jackson	WAH, PCR, SCR, OSRW	
Mill Branch	Basin	Knox	WAH, PCR, SCR, OSRW	
Mill Creek of Straight Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Mill Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Moore's Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Mud Creek	Basin above River Mile 6.5	Whitley	WAH, PCR, SCR, OSRW	

Mud Lick	Basin	Knox	WAH, PCR, SCR, OSRW	
Ned Branch	Basin	Laurel	WAH, PCR, SCR, OSRW	
Patterson Creek	Basin above River Mile 7.4	Whitley	WAH, PCR, SCR, OSRW	
Poor Fork of Cumberland River	Basin above River Mile 742.5	Letcher	CAH, PCR, SCR, OSRW	
Poor Fork of Cumberland River	River Mile 742.5 to Jefferson National Forest Boundary (River Mile 720.55)	Harlan	WAH, PCR, SCR	
Poor Fork of Cumberland River	River Mile 720.55 to Clover Fork of Cumberland River	Harlan	WAH, PCR, SCR, DWS	
Razor Fork	Basin	Harlan	WAH, PCR, SCR	
Richland Creek	Basin above River Mile 15.7	Knox	WAH, PCR, SCR, OSRW	
Roaring Fork	Basin	Knox	WAH, PCR, SCR, OSRW	
Rock Creek	Kentucky/Tennessee State Line (River Mile 21.9) to White Oak Creek	McCreary	CAH, PCR, SCR, OSRW	
Rock Creek	Basin from confluence with Jellico Creek	McCreary	WAH, PCR, SCR, OSRW	
Rockcastle River	River Mile 53.3 to River Mile 8.5	Laurel/Pulaski	WAH, PCR, SCR, OSRW	
Ross Branch	Basin	Whitley	WAH, PCR, SCR, OSRW	
Roundstone Creek	Source to River Mile 13.5	Rockcastle	WAH, PCR, SCR	
Roundstone Creek	River Mile 13.5 to River Mile 4.7	Rockcastle	WAH, PCR, SCR, OSRW	
Roundstone Creek	River Mile 4.7 to Rockcastle River	Rockcastle	WAH, PCR, SCR, DWS	
Ryans Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Sanders Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Shillalah Creek	Source to Cumberland Gap National Historical Park Boundary	Bell	CAH, PCR, SCR	
Shut-in Branch	Basin	McCreary	WAH, PCR, SCR, OSRW	
Sinking Creek	Source to Rockcastle River	Laurel	WAH, PCR, SCR, OSRW	
Sims Fork	Basin	Bell	WAH, PCR, SCR, OSRW	
Smith Creek	Basin	Letcher	WAH, PCR, SCR,	

			OSRW	
South Fork of Rockcastle River	River Mile 2.1 to Rockcastle River	Rockcastle	WAH, PCR, SCR, OSRW	
Stevenson Branch	Basin	Bell	WAH, PCR, SCR, OSRW	
Straight Creek	Basin	Harlan	WAH, PCR, SCR	
Sugar Run	Source to Cumberland Gap National Historical Park Boundary	Bell	WAH, PCR, SCR	
Trace Branch	Basin	Knox	WAH, PCR, SCR, OSRW	
Trammel Fork	Basin	McCreary	WAH, PCR, SCR, OSRW	
Troublesome Creek	Basin	McCreary	WAH, PCR, SCR	
Turkey Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Tyes Fork of Bennetts Fork	Basin	Whitley	WAH, PCR, SCR, OSRW	
Watts Creek	Basin above Camp Blanton Lake	Harlan	WAH, PCR, SCR, OSRW	
White Oak Creek	Basin above River Mile 1.2 (includes Little White Oak Creek)	Laurel	CAH, PCR, SCR	
Wood Creek	River Mile 4.0 (Wood Creek Lake Dam) to Hazel Patch Creek	Laurel	CAH, PCR, SCR	
Yellow Creek	Source to Cumberland River	Bell	WAH, PCR, SCR	
Youngs Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
LAKES AND RESERVOIRS				
Beulah (=Tyner)	Entire Reservoir	Jackson	WAH, CAH, PCR, SCR, DWS	
Cannon Creek	Entire Reservoir	Bell	WAH, CAH, PCR, SCR, DWS	
Cumberland	Entire Reservoir	Pulaski	WAH, PCR, SCR, DWS	
Dale Hollow	Entire portion of Reservoir within Kentucky	Clinton/Cumberland	WAH, PCR, SCR, DWS	
Laurel River	Entire Reservoir	Laurel/Whitley	WAH, CAH, PCR, SCR, DWS	
Martins Fork	Entire Reservoir	Harlan	WAH, PCR, SCR	
Wood Creek	Entire Reservoir	Laurel	WAH, CAH, PCR, SCR, DWS	

Section 6. Incorporation by Reference. (1) "Interim Economic Guidance for Water Quality Standards Workbook", EPA, March 1995 Publication EPA-823-B-95-002. U.S. Environmental Protection Agency, Office of Water, Washington, D.C., is incorporated by reference.

(2) This material may be inspected, copied, or obtained, subject to applicable copyright law, at the Division of Water, 14 Reilly Road, Frankfort, Kentucky, Monday through Friday, 8 a.m. to 4:30 p.m.

401 KAR 5:026 Approved for promulgation:

12/3/2003
Date

Henry C. List
Henry C. List, Secretary
Natural Resources and Environmental
Protection Cabinet